ABSTRACT

A system is described comprising: a finite state machine having a plurality of states interconnected through a plurality of events, wherein certain states and events in said plurality are implemented in software and other states and events in said plurality are implemented in hardware; and a scheduler communicatively coupled to the finite state machine and being programmable with one or more parameters defining scheduled operations to be performed by the scheduler, wherein the finite state machine is configured to select one or more of said parameters to be used by said scheduler upon transition by said finite state machine from a first state to a second state.

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